

ABSTRACT OF THE DISCLOSURE

A paintball gun utilizing the Coanda effect in firing and/or loading paintballs. A Coanda chamber located in the bolt, feed tube, or barrel propels, loads, or spins a paintball. The Coanda chambers, which can be used in any combination include a port for receiving air, an inner cell, an outer cell and an annular ring defining a passageway between the cells. The chamber located in the bolt for propelling the ball includes walls in the outer cell. The air follows the sloped walls and hits the ball at its periphery, eliminating distortion and breakage of the ball. The chamber located in the feed tube forces the ball into the barrel and creates a vacuum to eliminate the ball blowing back up the feed tube. The annular ring in the chamber in the barrel is partially blocked, directing the air to put a spin on the ball.